

<b>1. Incident Name</b> Lindsey Lake Tanker Spill I-84, MP 54		<b>2. Operational Period (Date/Time)</b> From: 16 Feb 2019 / 0700 To: 17 Feb 2019 / 0700	<b>RESOURCES AT RISK SUMMARY ICS 232-OS</b>
<b>3. Environmentally-Sensitive Areas and Wildlife Issues</b> <b>Overall Objectives of Response – (#1) Safety of public and responders, (#2) Contain and recover diesel fuel against shoreline at seepage point, (#3) Protect wetlands and natural resources in Lindsey Lake and Lindsey Creek, (#4) Prevent fuel from moving into Columbia River</b>			
<b>Site #</b>	<b>Priority</b>	<b>Site Name and/or Physical Location</b>	<b>Site Issues</b>
Hwy MP 53.8 Columbia River Mile 158.8	1	Lindsey Lake (AKA Lindsey Pond) Source Control – Install containment boom against shoreline in area of product seepage, line with adsorbent boom to capture oil and keep oil out of lake. Replace sorbent boom as indicated by rate of oil saturation.	<b>Length:</b> 3000' Boom – B2 (Contractor Boom) or equivalent. Sweeps or sorbent boom backing B2 to adsorb oil until small skimmer or vacuum truck can be placed/operated. <b>Objective:</b> Containment & Recovery – Keep oil contained to limit impacts to Lindsey Lake. Contain oil sheen originating from Lindsey Creek from spreading to lake and Columbia River. <b>Resource concerns:</b> Sensitive nesting species, waterfowl and salmon concentrations and habitat. <b>Spawning gravels at mouth of Lindsey Creek.</b>
B 158.8L	2	Lindsey Lake (Cascade Locks, OR)	<b>Length:</b> 300' Boom – B2 (Contractor Boom) or equivalent. <u>Use 100' in "V" shape within Lindsey Lake at culvert through railway levee.</u> Use additional 200' of boom in "V" shape in Columbia River on opposite side of levee as secondary containment for river. <b>Objective:</b> Exclusion – Keep oil in Lindsey Lake from reaching Columbia River by blocking outfall/inlet to lake. <b>Resource concerns:</b> Sensitive nesting species, waterfowl and salmon concentrations and habitat. <b>Fish passage must be maintained by keeping boom at distance from passage culvert.</b>
<b>Narrative</b>  <p><b>Habitat Concerns:</b> Islands, sloughs and wetlands provide critical resting and feeding areas for wildlife and serve as important rearing areas for resident fish and juvenile salmonids. Various deep and shallow water river habitats support a reported 48 species of freshwater fish including species important to sport fishery such as trout, walleye, bass, sunfish, catfish and sturgeon. Additionally, numerous other small generally shallow water species such as dace, shiner, mosquitofish stickleback and sculpins occur here and serve as important food sources for birds, larger fish and other wildlife. Their occurrence in shallow water makes them more susceptible to the toxic effects of petroleum. Riparian habitats are heavily used by wildlife including river otter, beaver and raccoon.</p> <p><b>Wildlife Concerns:</b> This area is located on a major artery of the Pacific Flyway used primarily in October through February. Large numbers of waterfowl present, Pied-billed Grebe, Double-crested Cormorant, Canada Geese, Blue, Green, and Cinnamon Winged Teal, Mallard, Gadwall, Northern Shoveler, Redhead, ring-necked Duck, Lesser Ruddy Duck, Common Merganser, Lesser Scaup, Bufflehead, American Wigeon, Ring-billed Gulls, American Coot, Blue Herons and American White Pelicans are common in Fall. Bald Eagles are in the area and will prey on injured waterfowl. River otters, mink and beaver are present and vulnerable to oil exposure.</p> <p><b>Fish Concerns:</b> Sloughs and impoundments are critical rearing habitat for both salmonids and resident fish. Adult and juvenile Fall Chinook, Coho and Steelhead runs are passing through the area in September and early October. Overwintering juvenile Coho and Chinook will be using the nearshore and backwater areas.</p> <p><b>Threatened &amp; Endangered Species Concerns:</b> Listed stocks include: Upper Columbia River Spring [FE], Snake River Spring, summer, and Fall Chinook [FT], Snake River Sockeye salmon [FE] and upper Columbia River steelhead [FT], Snake River Steelhead [FT]. American White Pelican [SE]</p> <p><b><u>Juvenile coho, winter steelhead, and Redband trout are present in Lindsey Creek which enters Lindsey Lake (pond) at natural delta to west of spill seepage front on bank against the highway.</u></b></p> <p><b><u>Report any observations of impacted fish, waterfowl or other wildlife to Operations Section Chief, ODFW (Jon Germond @ 503-947-6088) and USFWS (Mike Szumski @ 541-867-4550) immediately upon discovery.</u></b></p>			

4. Archaeo-cultural and Socio-economic Issues			
Site #	Priority	Site Name and/or Physical Location	Site Issues
N/A	1	Sensitive tribal cultural sites	To be identified through consultation with local tribes and the <b>Oregon State Historical Preservation Office</b> . Initial consultations with SHPO and all four Federal treaty tribes with interests in the region indicated no resources are present in the immediate vicinity of the site; see below. Notifications to the tribes and SHPO were made between 2/12/19 and 2/13/19.
B-155.7L and others	1	Tribal fishing sites (numerous along Oregon shoreline) from site to Bonneville Dam	Fishing from scaffolds along the river and use of In-Lieu Sites (such as the Wyeth In-Lieu Site at RM 155.7L) have the potential for impacts from river operations (including boat launching with permission) during the response. CRITFC has been notified and continues on the response in a liaison capacity.
N/A	2	Columbia River Gorge National Scenic Area	Scenic, cultural, recreational, and natural resources. Coordination with CRGNSA initiated. Office closed due to inclement weather, left message with explanation of resource protection efforts and to call back with any questions or information (541-308-1700)
B-145.4-N	2	Bonneville Dam Fishway and USACE assets in area	Fishery resources. Notification to USACE made 2/11/2019
N/A	2	Bonneville State park, Bonneville, OR	Public recreation. Notification to Oregon State Parks made 2/12/2019
B-146.2L-N	2	Cascade Hatchery (Eagle Creek Hatchery) USFWS Facility	Notification to manager 503-804-3743 (advisory notification completed) 541-867-4550
B-150.8L-N	2	City of Cascade Locks Water Intake	Call Public Works Foreman at 541-386-2744 2616 (advisory notification completed via Sheriff's Emergency Line)
N/A	2	Oregon State Parks Department	Contact with OR State Parks made 2/12/2019 (Gary Curtis 541-388-6204)
<p>Narrative</p> <p>Numerous culturally sensitive areas exist along the shorelines of the region. Tribal notifications have been made and coordination with Columbia River Intertribal Fisheries Commission and the Oregon State Historic Preservation Office is ongoing. Dennis Griffin with OR-SHPO has stated that there are no known archaeological sites in the response area. Advises to proceed, with due caution for unknown resources. See Inadvertent Discovery Plan for Cultural Resources, attached with this document.</p>			
5. Prepared by: (Environmental Unit Leader)		Date/Time	
Don Pettit, EUL		2/15/2019 / 1500	
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